

55146-101

8/11/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

AUG 11 2014

Nathan P. Ehresman  
Director of Regulatory Affairs  
Nufarm Americas Inc-AGT Division  
C/O Nufarm Americas Inc.  
4020 Aerial Center Parkway  
Morrisville, NC 27560

Subject: Label Notification per PRN 98-10 & 2007-4 –Updating Address, Net Contents,  
and Container Disposal Statement  
Product Name: SATIVA 309 FS  
EPA Registration Number: 55146-101  
Application Date: 7/24/2014  
Decision Number: 493945

Dear Mr. Ehresman:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 and 2007-4 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and 2007-4 and finds that the action requested falls within the scope of PRN 98-10 and 2007-4.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, you may contact Maryam K. Muhammad at 703-347-0301 or via email at [Muhammad.maryam@epa.gov](mailto:Muhammad.maryam@epa.gov)

Sincerely,

A handwritten signature in black ink, appearing to read "Hope Johnson".

Hope Johnson, Product Manager 21  
Fungicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 05-31-98

 <p><b>EPA</b> United States <b>Environmental Protection Agency</b> Washington, DC 20460</p>	<input type="checkbox"/> <b>Registration</b> <input type="checkbox"/> <b>Amendment</b> <input checked="" type="checkbox"/> <b>Other: NOTIF</b>	OPP Identifier Number
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**Application for Pesticide - Section I**

1. Company/Product Number <b>Nufarm Americas Inc- AGT Division/ 055146-00101</b>	2. EPA Product Manager <b>Shaja Joyner</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>Nufarm Americas Inc- AGT Division/ SATIVA 309 FS</b>	PM# <b>20</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>Nufarm Americas Inc- AGT Division C/O Nufarm Americas Inc. 4020 Aerial Center Parkway Morrisville, NC 27560</b> <input type="checkbox"/> Check if this is a new address	6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(1), my product is similar or identical in composition and labeling to: EPA Reg. No.: _____ Product Name: _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application <input type="checkbox"/> Other - Explain below
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**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)

**LABEL NOTIFICATION PRN 98-10 / PRN 2007-4**  
 Updated company Address, Updated Net contents Statement, Updated Container Disposal statement.

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Unit Packaging wgt.    No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Package wgt.    No. per container	<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)		
* <b>Certification must be submitted</b>					
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container <b>1, 2.5, 15, 30, 250, 265 gallons (30 &amp; 220 gallon refillable)</b>		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product		
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name <b>Nathan P. Ehresman</b>	Title <b>Director, Regulatory Affairs</b>	Telephone No. (Include Area Code) <b>919-379-2515</b>
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received <b>(Stamped)</b>
2. Signature 	3. Title <b>Director, Regulatory Affairs</b>	
4. Typed Name <b>Nathan P. Ehresman</b>	4. Date <b>July 24, 2014</b>	



# SATIVA™ 309 FS Fungicide

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NOTIFICATION

AUG 11 2014

FOR USE ONLY BY COMMERCIAL SEED TREATERS  
FOR CONTROL OF SPECIFIED DISEASES ON CORN, WHEAT, BARLEY, TRITICALE AND OATS

**ACTIVE INGREDIENT:**

Tebuconazole:  
Alpha-[2-(4-Chlorophenyl)ethyl]-alpha-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol ..... 28.3%

**OTHER INGREDIENTS:** ..... 71.7%  
**TOTAL:** ..... 100.0%

Contains 2.6 pounds tebuconazole per gallon.

**STOP — READ THE LABEL BEFORE USE**

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**  
**SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS**

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300  
For Medical Emergencies Only, Call (877) 325-1840

EPA REG. NO. 55146-101  
EPA EST. NO. \_\_\_\_\_

MANUFACTURED FOR  
NUFARM AMERICAS INC.  
AGT DIVISION  
11901 S. Austin Ave  
Alsip, IL 60803



NET CONTENTS \_\_\_\_\_ Gallons ( \_\_\_\_\_ Liters)

<b>FIRST AID</b>	
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth- to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>HOT LINE NUMBER</b>	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.</p>	

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

Harmful if swallowed, absorbed through skin or inhaled. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist. Wear long sleeved shirt, long pants or coveralls, shoes and socks, and chemical-resistant gloves made of waterproof material. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to mammals, fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**Groundwater Advisory:** Tebuconazole is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

**Surface Water Advisory:** This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted within 48 hours.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Not for use on agricultural establishments in hopper-box, planter-box, slurry-box or other seed treatment applications at or immediately before planting.

For use by commercial seed treaters only.

**IMPORTANT:** Read these entire Directions and Warranty before using this product

**SEED TREATMENT**

This product controls or suppresses certain designated seed and soilborne diseases of corn, wheat, barley, triticale, and oats.

CROP	DISEASE	RATE Fl. oz./100 lbs. of Seed	APPLICATION DIRECTIONS
<b>Corn</b> Field corn, Field corn grown for seed, popcorn, sweet corn	Soilborne and Seedborne <i>Fusarium</i>	0.075-0.1	Apply this product as a water-based slurry through standard slurry or mist-type commercial seed treatment equipment. Uniform application to seed is necessary to ensure seed safety and best disease protection. Seed must be sound and well cured before treatment. Dilute product with sufficient water to ensure seed is completely covered. Add dye** to the resulting slurry. Consult a seed treatment specialist regarding slurry rates specified for the crop to be treated. The length of control will vary depending on the rate used.
	Soilborne and Seedborne Head Smut ( <i>Sphacelotheca reiliana</i> )	0.37-0.74	
<b>Wheat</b> <b>Triticale</b>	Stinking Smut, Flag Smut, Loose Smut, Early Season <i>Septoria</i> Disease Complex, Early Season <i>Rhizoctonia</i> Root Rot, Early Season Common Root Rot, Early Season <i>Fusarium</i> Foot Rot, Early Season Suppression of Powdery Mildew, Early Season Suppression of Wheat Leaf Rust	0.08 to 0.10	Apply this product as a water-based slurry through standard slurry or mist-type commercial seed treatment equipment. Prepare a slurry by mixing the specified dosage in 9 to 20 fluid ounces of water per 100 pounds of seed. Add dye** to the resulting slurry. Mix the slurry thoroughly with the seeds to provide uniform coverage.

**SEED TREATMENT (Continued)**

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This product controls or suppresses certain designated seed and soilborne diseases of corn, wheat, barley, triticale, and oats.

CROP	DISEASE	RATE Fl. oz./100 lbs. of Seed	APPLICATION DIRECTIONS
Barley	Covered Smut, Loose Smut, Barley Stripe (suppression), Early Season <i>Rhizoctonia</i> Root Rot, Early Season Common Root Rot, Early Season <i>Fusarium</i> Foot Rot, Early Season Suppression of Powdery Mildew, Early Season Suppression of Barley Leaf Rust	0.08 to 0.10	Apply this product as a water-based slurry through standard slurry or mist-type commercial seed treatment equipment. Prepare a slurry by mixing the specified dosage in 9 to 20 fluid ounces of water per 100 pounds of seed. Add dye** to the resulting slurry. Mix the slurry thoroughly with the seeds to provide uniform coverage.
Oats	Loose Smut, Pythium Damping-off, Early Season <i>Rhizoctonia</i> Root Rot, Early Season Common Root Rot, Early Season <i>Fusarium</i> Foot Rot, Early Season Suppression of Powdery Mildew, Early Season Suppression of Crown Rust		

\*\*21 CFR Chapter I, Section 2.25 requires grain seed treated with poisonous substances in excess of recognized tolerances be suitably colored with an EPA approved dye, such as one of the dyes listed in 40 CFR Section 180.910 and 180.920, to prevent their subsequent inadvertent use as a food for man or feed for animals.

**SEED LABELING REQUIREMENTS**

To meet U.S. Federal Seed Act requirements, all seed treated with Sativa™ 309 FS Fungicide must be labeled:

"Treated with Tebuconazole, alpha-[2-(4-chlorophenyl)ethyl]-alpha-(1,1-dimethylethyl)-1 H-1,2,4-triazole-1-ethanol. Do not use treated seed for feed, food or oil purposes. Barley, wheat and oat green forage may be grazed or harvested for hay 31 days after seeding."

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:**

[Note to Reviewer: The following statement will be included on all Final Printed Labels bearing multiple Container Handling statements] **NOTE:** This product is available in multiple containers. Refer to the Net Contents section of this product's labeling for the applicable "Nonrefillable" or "Refillable" designation. Follow the container handling instructions below that apply to your container type / size."

**[Nonrefillable Containers 5 Gallons or Less]**

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

**Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

**[Nonrefillable containers larger than 5 gallons]**

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

**Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

**[Refillable containers]**

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.





